

**TDMS No.** 20114 - 02

**P18: INCIDENCE RATES OF NON-NEOPLASTIC LESIONS BY ANATOMIC SITE (a)  
WITH AVERAGE SEVERITY GRADES[b]**

**Date Report Reqsted:** 04/07/2006

**Test Type:** 90-DAY

**SODIUM DICHROMATE DIHYDRATE (VI)**

**Time Report Reqsted:** 08:26:33

**Route:** DOSED WATER

**CAS Number:** 7789-12-0

**First Dose M/F:** 11/13/01 / 11/14/01

**Species/Strain:** MICE/B6C3F1

**Pathologist:** Blackshear, P. - THOMPSON, R.

**Lab:** SRI

RF1\_M3

**C Number:** C20114  
**Lock Date:** 06/24/2002  
**Cage Range:** ALL  
**Date Range:** ALL  
**Reasons For Removal:** ALL  
**Removal Date Range:** ALL  
**Treatment Groups:** Include ALL

a - Number of animals examined microscopically at site and number of animals with lesion  
b - Average severity grade (1-minimal; 2-mild; 3-moderate; 4-marked)

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Lab: SRI

B6C3F1 MICE MALE	0 MG/L	62.5 MG/L	125 MG/L	250 MG/L	500 MG/L	1000 MG/L
<b>Disposition Summary</b>						
Animals Initially in Study	10	10	10	10	10	10
Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>						
Intestine Small, Duodenum	(10)	(10)	(10)	(10)	(10)	(10)
Infiltration Cellular, Histiocyte			8 [1.3]	10 [1.8]	10 [2.1]	10 [1.8]
Epithelium, Hyperplasia		4 [1.0]	5 [1.0]	10 [1.3]	10 [1.7]	10 [1.9]
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Hematopoietic Cell Proliferation, Focal	1 [1.0]	1 [1.0]			2 [1.0]	1 [1.0]
Infiltration Cellular, Mixed Cell, Focal	1 [1.0]			1 [1.0]	1 [1.0]	1 [1.0]
Necrosis, Focal	2 [1.0]			1 [1.0]		
Pancreas	(10)	(6)	(6)	(5)	(6)	(10)
Cyst	1 [2.0]					
Salivary Glands	(10)	(6)	(6)	(6)	(5)	(10)
Submandibular Gland, Depletion	4 [1.0]	3 [1.7]	3 [2.0]	3 [1.7]	2 [2.5]	4 [2.5]
Secretory						
Stomach, Forestomach	(10)	(9)	(9)	(10)	(10)	(10)
Edema, Focal	1 [1.0]					3 [1.3]
Stomach, Glandular	(10)	(9)	(10)	(10)	(10)	(10)
Epithelium, Dilatation, Focal		2 [1.0]				2 [1.0]
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
Thyroid Gland	(10)	(6)	(6)	(6)	(6)	(10)
Follicle, Degeneration, Cystic		1 [2.0]				

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GENERAL BODY SYSTEM						
None						
GENITAL SYSTEM						
Preputial Gland	(10)	(6)	(6)	(6)	(6)	(10)
Atrophy	1 [2.0]					
Duct, Ectasia	1 [2.0]					
HEMATOPOIETIC SYSTEM						
Lymph Node	(2)	(4)	(3)	(6)	(3)	(3)
Pancreatic, Infiltration Cellular, Histiocyte			2 [1.0]	6 [1.7]	3 [2.0]	2 [1.0]
Lymph Node, Mesenteric	(10)	(9)	(9)	(8)	(8)	(10)
Atrophy					1 [3.0]	
Infiltration Cellular, Histiocyte			4 [1.0]	6 [1.0]	3 [2.0]	8 [1.3]
Spleen	(10)	(6)	(6)	(6)	(6)	(10)
Hematopoietic Cell Proliferation		1 [1.0]				
Pigmentation, Hemosiderin, Focal						1 [2.0]
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
None						

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SPECIAL SENSES SYSTEM						
None						
URINARY SYSTEM						
Kidney	(10)	(10)	(10)	(10)	(10)	(10)
Nephropathy		1 [1.0]		2 [1.0]	1 [1.0]	2 [1.0]
Renal Tubule, Vacuolization Cytoplasmic	9 [2.9]	10 [2.5]	10 [1.9]	9 [1.4]	8 [1.3]	2 [1.0]

\*\*\* END OF MALE \*\*\*

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<b>Disposition Summary</b>						
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Early Deaths						
Survivors						
Terminal Sacrifice	10	10	10	10	10	10
Animals Examined Microscopically	10	10	10	10	10	10
<b>ALIMENTARY SYSTEM</b>						
Intestine Small, Duodenum	(10)	(10)	(9)	(10)	(10)	(10)
Infiltration Cellular, Histiocyte			9 [1.1]	10 [1.1]	10 [1.5]	10 [1.4]
Epithelium, Hyperplasia		7 [1.0]	8 [1.3]	10 [1.3]	10 [1.4]	10 [1.7]
Liver	(10)	(10)	(10)	(10)	(10)	(10)
Hematopoietic Cell Proliferation, Focal						4 [1.0]
Infiltration Cellular, Mixed Cell, Focal	8 [1.0]	2 [1.0]	3 [1.0]	4 [1.0]	3 [1.0]	4 [1.0]
Stomach, Forestomach	(10)	(10)	(10)	(10)	(10)	(10)
Inflammation, Focal, Acute						1 [1.0]
Ulcer	1 [1.0]					
Epithelium, Hyperplasia, Focal		1 [1.0]	1 [1.0]			
Stomach, Glandular	(10)	(10)	(10)	(10)	(10)	(10)
Epithelium, Dilatation, Focal	1 [1.0]			1 [1.0]		1 [1.0]
<b>CARDIOVASCULAR SYSTEM</b>						
None						
<b>ENDOCRINE SYSTEM</b>						
Adrenal Cortex	(10)	(6)	(6)	(6)	(6)	(10)
Vacuolization Cytoplasmic	10 [1.1]	6 [1.2]	6 [1.5]	5 [1.0]	2 [1.0]	5 [1.0]
Parathyroid Gland	(10)	(6)	(6)	(6)	(6)	(10)
Cyst					1	1 [2.0]
<b>GENERAL BODY SYSTEM</b>						

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None						
GENITAL SYSTEM						
Uterus	(10)	(10)	(10)	(10)	(10)	(10)
Hypoplasia						1 [3.0]
Endometrium, Hyperplasia, Cystic			1 [1.0]			
HEMATOPOIETIC SYSTEM						
Lymph Node	(1)	(1)	(2)	(2)	(1)	(2)
Pancreatic, Infiltration Cellular, Histiocyte			1 [1.0]	1 [1.0]	1 [2.0]	2 [1.0]
Lymph Node, Mandibular	(10)	(6)	(6)	(6)	(6)	(10)
Hyperplasia, Lymphoid	1 [2.0]					
Lymph Node, Mesenteric	(10)	(10)	(10)	(10)	(9)	(10)
Infiltration Cellular, Histiocyte			6 [1.0]	6 [1.0]	4 [1.3]	9 [1.1]
INTEGUMENTARY SYSTEM						
None						
MUSCULOSKELETAL SYSTEM						
None						
NERVOUS SYSTEM						
None						
RESPIRATORY SYSTEM						
Lung	(10)	(6)	(6)	(6)	(6)	(10)
Inflammation, Focal, Chronic				1 [1.0]		
SPECIAL SENSES SYSTEM						

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None						
URINARY SYSTEM						
Kidney	(10)	(6)	(6)	(6)	(6)	(10)
Cyst	1					
Nephropathy		1 [1.0]				

\*\*\* END OF REPORT \*\*\*

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